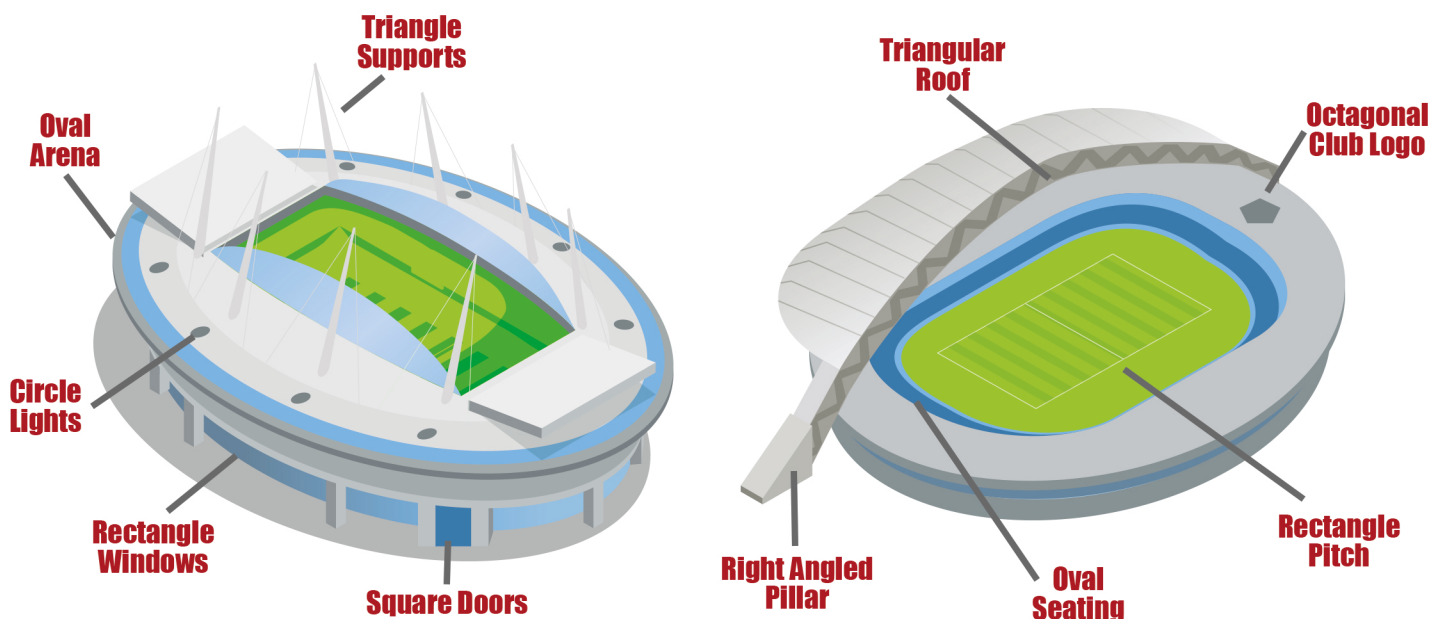


This week, you'll need to get creative and design a new rugby stadium!

Firstly, think about the different shapes that you see when you look at a rugby stadium. What types of shapes are used? Why are some shapes very useful in the design of a stadium?

Now, on a piece of paper, draw your stadium, and label the different shapes you've used. You could also draw more than one picture to show the stadium from different angles. For example, a side view and a birds-eye view (view from above).

Have a look at the examples below to give you some ideas:



After you've drawn your stadium, have a go at writing some measurements on your design. How long would your stadium be? How high would it be? Remember to do this in metres, to make it more realistic. (To help you, remember that the pitch at a rugby stadium is normally about 100m long)

Once you've done that, can you work out what the perimeter of your stadium would be? What would the area be?